

NECAP2 recombinant protein

NECAP2, 1-263aa, Human, His tag, E Coli

CATALOG # AAA48654	HOST E Coli	APPLICATIONS SDS-Page
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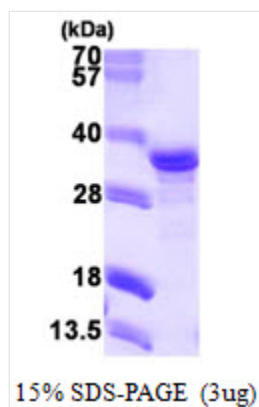
PRODUCT SYNONYMS

NECAP2; 1-263aa; Human; His tag; E Coli; NECAP endocytosis associated 2; FLJ10420; NECAP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MEESGYESVL CVKPDVHVYR IPPRATNRGY RAAEWQLDQP SWSGRLRITA KGQMAYIKLE DRTSGELFAQ APVDQFPQTA VESVTSSRY FVIRIEDGNG RRAFIGIGFG DRGDAFDNV ALQDHFkWVK QQCEFAKQAQ NPDQGPKDL GFKEGQTIKL NIANMKKKEG AAGNPRVRPA STGGLSLLPP PPGGKTSTLI PPPGEQLAVG GSLVQPAVAP SSGGAPVPWP QPNPATADIW GDFTKSTGST SSQTQPGTGW VQF
Sequence Length	263
Applicable Applications for NECAP2 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-263aa
Preparation and Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for NECAP2 recombinant protein	NECAP2, also known as adaptin ear-binding coat-associated protein 2, is a essential protein paralogues for clathrin-mediated membrane trafficking that are enriched in CCV coats. This protein colocalizes with AP-2 at the plasma membrane by binding AP-2s alpha-ear domain, and interacts with AP-1, AP-2 and several GAE domain proteins termed GGA1, GGA2 and GGA3. NECAP2 is Involved in endocytosis. Recombinant human NECAP2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for NECAP2 recombinant protein	Signal Transduction
References	Miller GJ., et al. (2003) Nat Struct Biol. 10 (8):599-606. ; Mattera R., et al. (2004) J Biol Chem. 279 (9):8018-28.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922416
NCBI GeneID	55707
NCBI Accession #	NP_060560
NCBI GenBank Nucleotide #	NM_018090.4
UniProt Accession #	Q9NVZ3; Q5VSU4; Q5VSU5; Q9H7L1; Q9H8L1; B4DY19; E9PGQ8
Molecular Weight	30.5 kDa (283 aa) confirmed by MALDI-TOF
NCBI Official Full Name	adaptin ear-binding coat-associated protein 2 isoform 1
NCBI Official Synonym Full Names	NECAP endocytosis associated 2
NCBI Official Symbol	NECAP2
NCBI Protein Information	adaptin ear-binding coat-associated protein 2
UniProt Protein Name	Adaptin ear-binding coat-associated protein 2
UniProt Gene Name	NECAP2
UniProt Synonym Gene Names	NECAP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.